

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/580,922
Source: IFWO
Date Processed by STIC: 3/19/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

10/580,922

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

RAW SEQUENCE LISTING

DATE: 03/19/2007

PATENT APPLICATION: US/10/580,922

TIME: 14:32:44

Input Set : N:\efs\03_19_07\10580922_efs\34905391.TXT

Output Set: N:\CRF4\03192007\J580922.raw

1 <110> APPLICANT: Barry Slobedman
 2 Allison Denise Abendroth
 3 Christina Anne Jenkins
 5 <120> TITLE OF INVENTION: LATENT PHASE VIRAL INTERLEUKIN-10-(VII-10) AND USES THEREOF
 7 <130> FILE REFERENCE: SPRUS61.001APC
 9 <140> CURRENT APPLICATION NUMBER: US 10/580,922
 10 <141> CURRENT FILING DATE: 2006-05-30
 12 <150> PRIOR APPLICATION NUMBER: PCT/AU2004/001675
 13 <151> PRIOR FILING DATE: 2004-11-26
 15 <150> PRIOR APPLICATION NUMBER: AU 2003906613
 16 <151> PRIOR FILING DATE: 2003-11-28
 18 <160> NUMBER OF SEQ ID NOS: 10
 20 <170> SOFTWARE: PatentIn Ver. 2.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 749
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Cytomegalovirus
 27 <220> FEATURE:
 28 <221> NAME/KEY: VARIANT
 29 <222> LOCATION: 746
 30 <223> OTHER INFORMATION: m = a or c
 32 <400> SEQUENCE: 1
 33 cataaaggac cacctacctg ggacgcgcag ttggggcggcg gactgggacg gcatgctgcg 60
 34 gtgatgctgt cggatgatgt ctcttcctct ctggctcctga tcgtcttttt tctaggcgct 120
 35 tccgaggagg cgaagccggc gacgacgacg acgataaaga atacaaagcc gcagtgtcgt 180
 36 ccagaggatt acgcgaccag attgcaagat ctccgcgtca cctttcatcg agtaaaacct 240
 37 acgttgcaac gtgaggacga ctactccgtg tggctcgacg gtacgggtgt caaaggctgt 300
 38 tggggatgca gcgtcatgga ctgggtgttg aggcgggtatc tggagatcgt gttccccgca 360
 39 ggcgaccacg tctatcccgg actcaagacg gaattgcata gtatgcgctc gacgctagaa 420
 40 tccatctaca aagacatgcg gcaatgcgta agtgtctctg tggcggcgct gtccgcacag 480
 41 aggtaacaac gtgttcatag cacgctgttt tacttttgtc gggctcccag cctctgttag 540
 42 gttgcggaga taagtccgtg attagtcggc tgtctcagga ggcggaaagg aaatcggata 600
 43 acggcacgcg gaaaggtctc agcgagttgg acacgttggt tagccgtctc gaagagtatc 660
 44 tgcactcgag aaagtagcgt tgcgatttgc agtccgctcc ggtgtcgttc acccagttac 720
 W--> 45 tttaataaac gtactgttta accrbmdcn 749
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 19
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Cytomegalovirus
 53 <400> SEQUENCE: 2
 54 actattctaa ccgcggaag
 57 <210> SEQ ID NO: 3
 58 <211> LENGTH: 23

Does Not Comply
 Corrected Diskette Needed
 (pg.1)

See item
 #9 on
 error
 summary
 sheet.

pls explain
 "W" location.

19

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Input Set : N:\efs\03_19_07\10580922_efs\34905391.TXT

Output Set: N:\CRF4\03192007\J580922.raw

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59 <212> TYPE: DNA
60 <213> ORGANISM: Cytomegalovirus
62 <400> SEQUENCE: 3
63 cataaaggac cacctacctg gga 23
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 32
68 <212> TYPE: DNA
69 <213> ORGANISM: Cytomegalovirus
71 <400> SEQUENCE: 4
72 tacaaagccg cagtgtcgtc cagaggatta cg 32
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 26
77 <212> TYPE: DNA
78 <213> ORGANISM: Cytomegalovirus
80 <400> SEQUENCE: 5
81 caacaaccag tccatgacgc tgcac 26
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 27
86 <212> TYPE: DNA
87 <213> ORGANISM: Cytomegalovirus
89 <400> SEQUENCE: 6
90 gtagatggat tctagcgtcg agcgcat 27
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 27
95 <212> TYPE: DNA
96 <213> ORGANISM: Cytomegalovirus
98 <400> SEQUENCE: 7
99 tcctgagaca gccgactaat cacggac 27
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 28
104 <212> TYPE: DNA
105 <213> ORGANISM: Cytomegalovirus
107 <400> SEQUENCE: 8
108 tctcgagtgc agatactctt cgagacgg 28
111 <210> SEQ ID NO: 9
112 <211> LENGTH: 28
113 <212> TYPE: DNA
114 <213> ORGANISM: Cytomegalovirus
116 <400> SEQUENCE: 9
117 gaccaccgta ccgtcgagcc acacggag 28
120 <210> SEQ ID NO: 10
121 <211> LENGTH: 139
122 <212> TYPE: PRT
123 <213> ORGANISM: Cytomegalovirus
125 <400> SEQUENCE: 10
126 Met Leu Ser Val Met Val Ser Ser Ser Leu Val Leu Ile Val Phe Phe
127 1 5 10 15
129 Leu Gly Ala Ser Glu Glu Ala Lys Pro Ala Thr Thr Thr Ile Lys Asn
130 20 25 30

```

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Input Set : N:\efs\03_19_07\10580922_efs\34905391.TXT

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```

132 Thr Lys Pro Gln Cys Arg Pro Glu Asp Tyr Ala Thr Arg Leu Gln Asp
133      35      40      45
135 Leu Arg Val Thr Phe His Arg Val Lys Pro Thr Leu Gln Arg Glu Asp
136      50      55      60
138 Asp Tyr Ser Val Trp Leu Asp Gly Thr Val Val Lys Gly Cys Trp Gly
139 65      70      75      80
141 Cys Ser Val Met Asp Trp Leu Leu Arg Arg Tyr Leu Glu Ile Val Phe
142      85      90      95
144 Pro Ala Gly Asp His Val Tyr Pro Gly Leu Lys Thr Glu Leu His Ser
145      100     105     110
147 Met Arg Ser Thr Leu Glu Ser Ile Tyr Lys Asp Met Arg Gln Cys Val
148      115     120     125
150 Ser Val Ser Val Ala Ala Leu Ser Ala Gln Arg
151      130     135

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/580,922

DATE: 03/19/2007
TIME: 14:32:45

Input Set : N:\efs\03_19_07\10580922_efs\34905391.TXT
Output Set: N:\CRF4\03192007\J580922.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 749

VERIFICATION SUMMARY

DATE: 03/19/2007

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Input Set : N:\efs\03_19_07\10580922_efs\34905391.TXT

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L:45 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:720